

ABSTRACT OF THE DISCLOSURE

[0040] A liquid crystal display and its fabrication method. The liquid crystal display includes a first substrate with a groove around a TFT array, a second substrate having a ridge that fits into the groove, a liquid crystal layer over display area, and a seal between the first substrate and the second substrate. The seal bonds the first and second substrates together, and the ridge maintains the liquid crystal over the TFT array. When fabricating the display, the liquid crystal is located within the ridge, the seal is beneficially outside the ridge, and the ridge fits into the groove.

09893974-062901